

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095054.D
 Acq On : 10 May 2017 9:27
 Operator : SJ/MA
 Sample : I3034-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 11:05:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

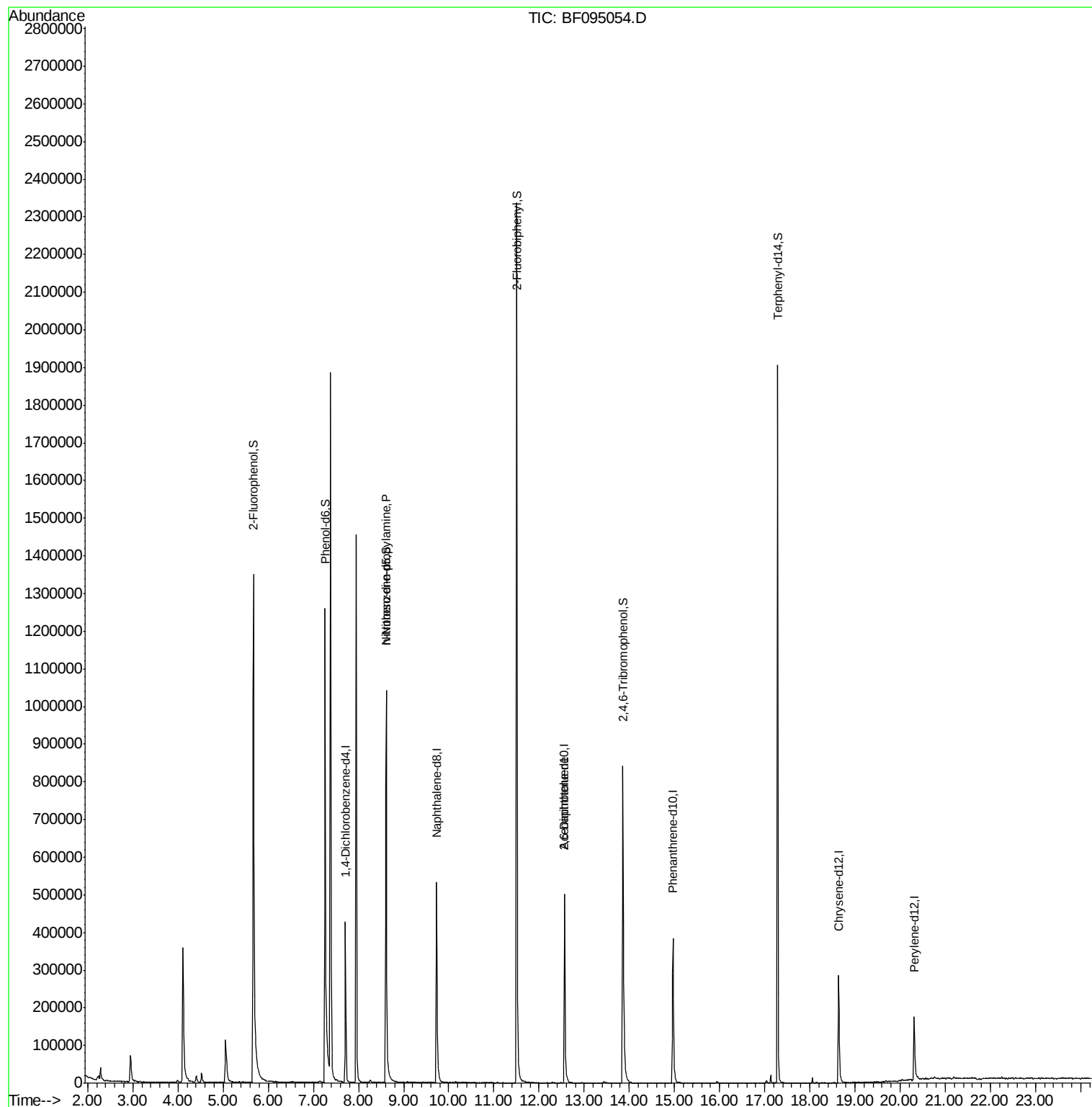
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	89647	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	404523	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	163858	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	262905	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	175878	20.00	ng	-0.02
86) Perylene-d12	20.31	264	91772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	736180	136.91	ng	0.00
7) Phenol-d6	7.26	99	751487	116.48	ng	-0.02
23) Nitrobenzene-d5	8.61	82	527736	82.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	190679	142.09	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1141940	100.31	ng	-0.02
78) Terphenyl-d14	17.29	244	735389	92.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	67816	15.54	ng	# 75
50) 2,6-Dinitrotoluene	12.57	165	15520	5.66	ng	# 31

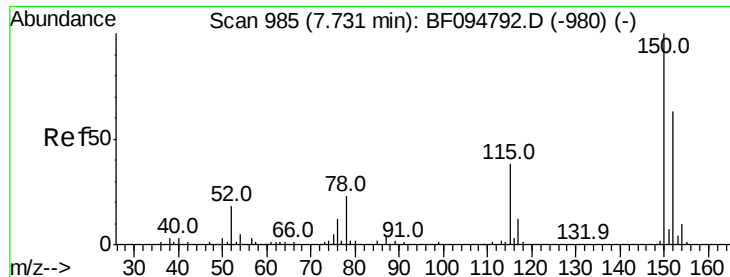
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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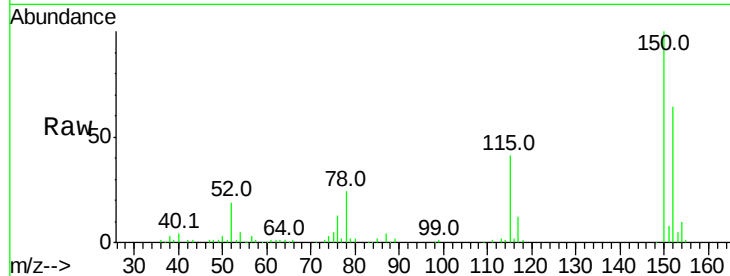


#1

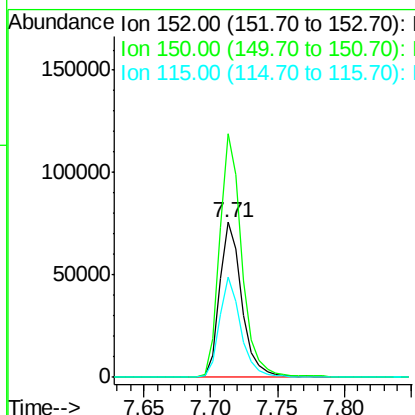
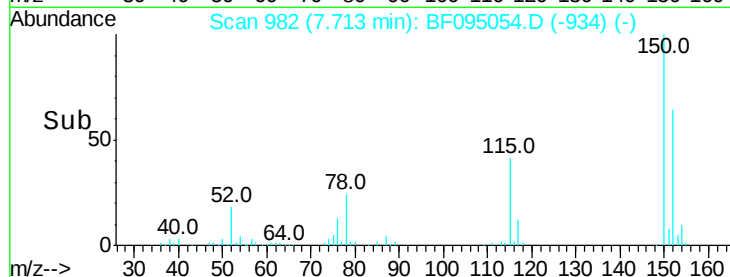
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095054.D
Acq: 10 May 2017 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89647
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 64.7 52.2 78.2



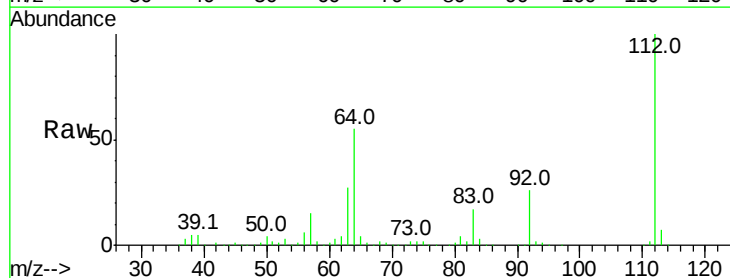
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



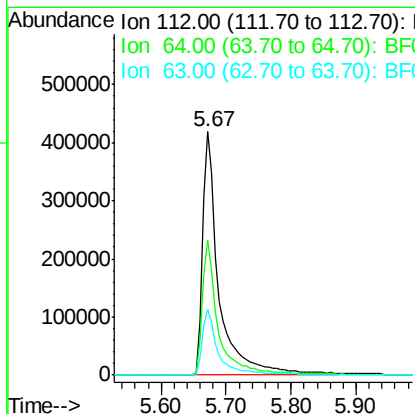
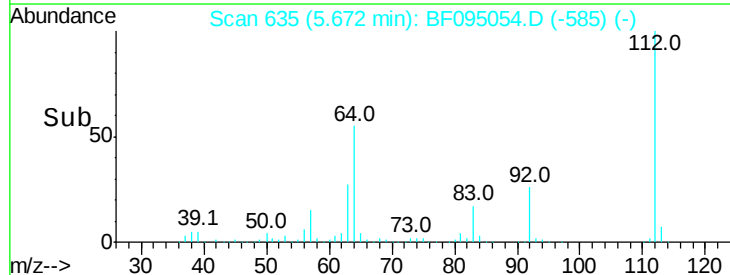
#5

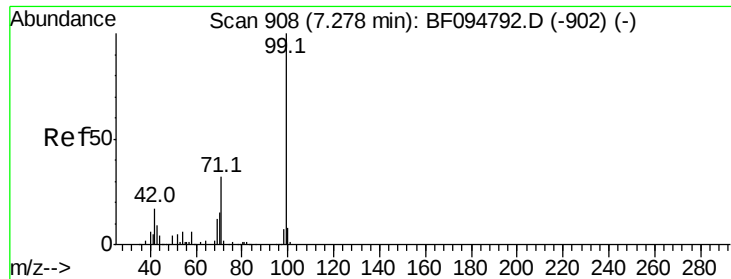
2-Fluorophenol
Concen: 136.91 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095054.D
Acq: 10 May 2017 9:27

Tgt Ion:112 Resp: 736180
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.48 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

Instrument :

BNA_F

ClientSampled :

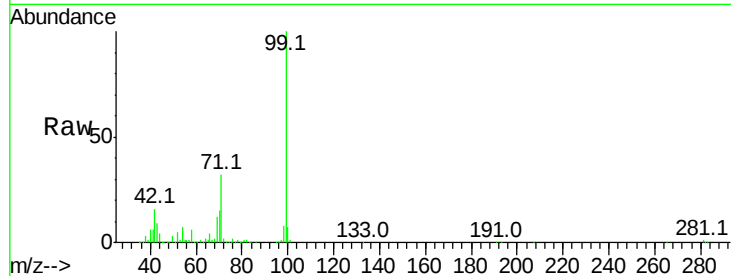
Tot Ion: 99 Resp: 751487

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

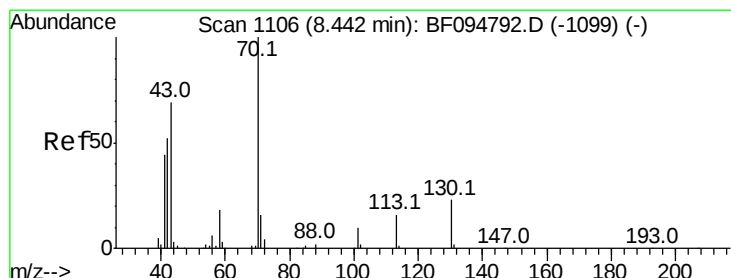
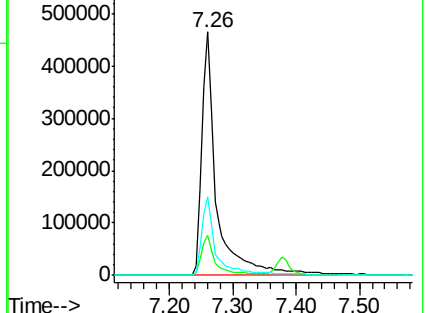
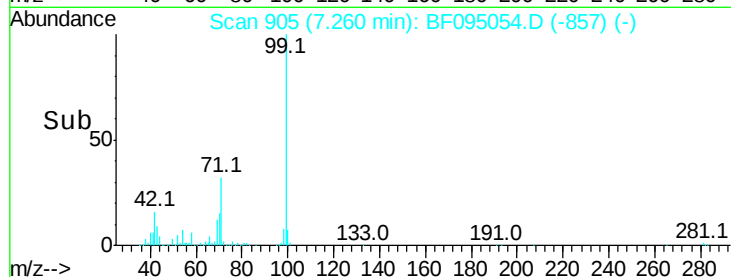
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.54 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

Tgt Ion: 70 Resp: 67816

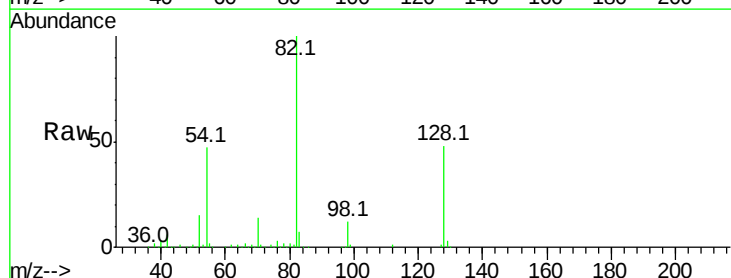
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

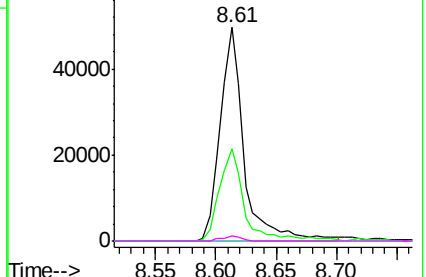
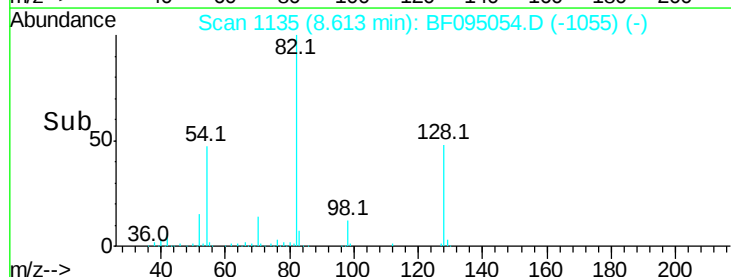


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404523

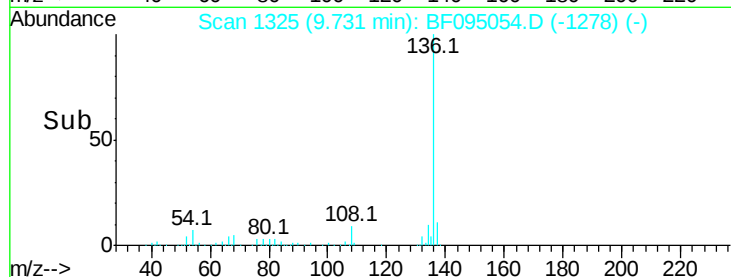
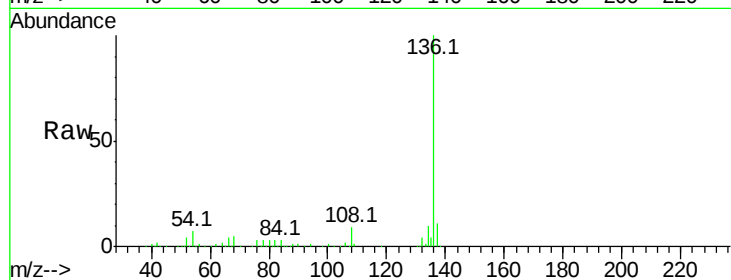
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 5.3 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

400000

300000

200000

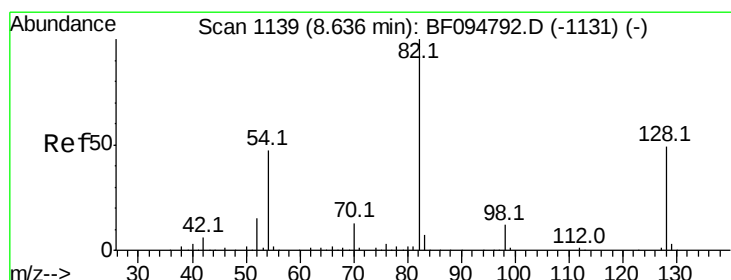
100000

0

9.73

9.70 9.80 9.90

Time-->



#23

Nitrobenzene-d5

Concen: 82.27 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

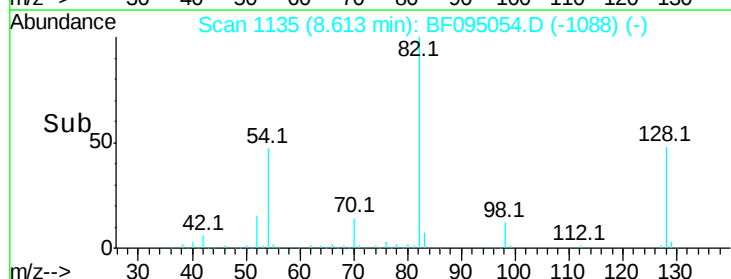
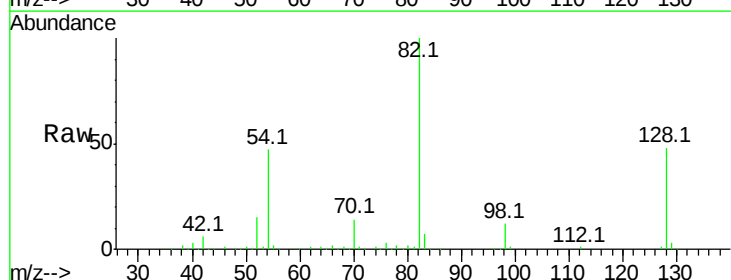
Tgt Ion: 82 Resp: 527736

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

54 47.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

500000

400000

300000

200000

100000

0

8.61

8.60 8.80

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

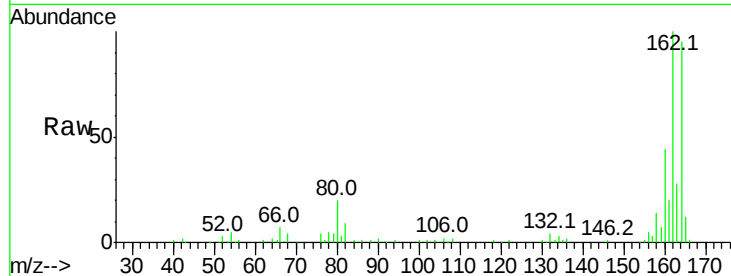
Tot Ion:164 Resp: 163858

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

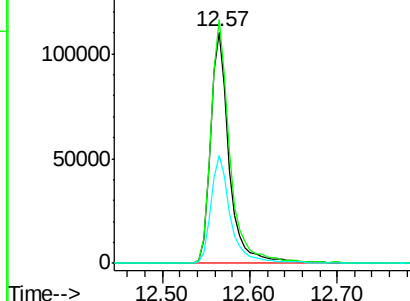
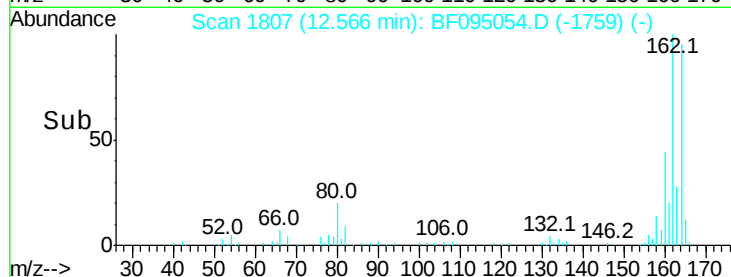
160 46.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.09 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

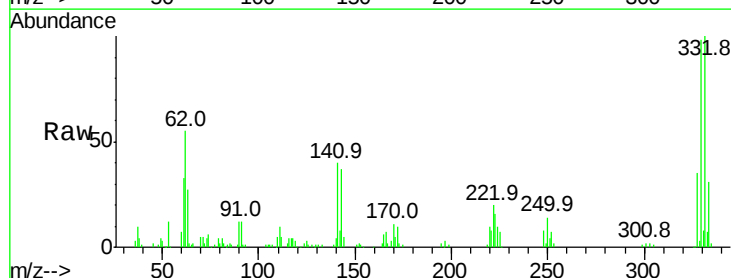
Tgt Ion:330 Resp: 190679

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

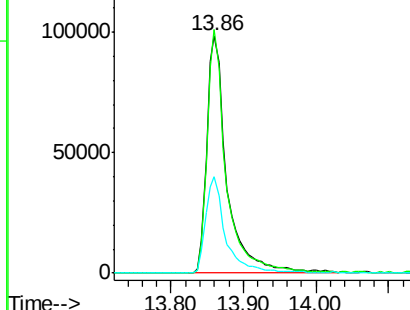
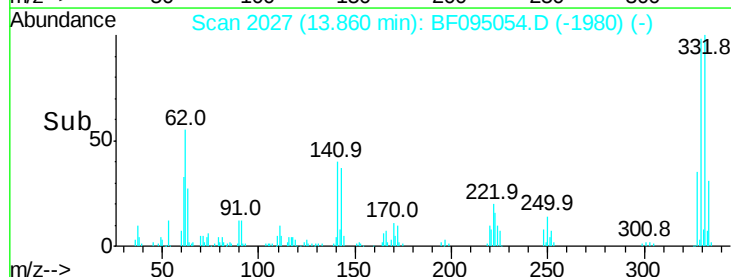
141 40.4 31.4 47.2

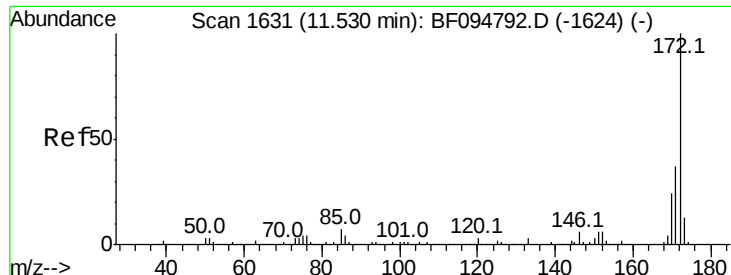


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

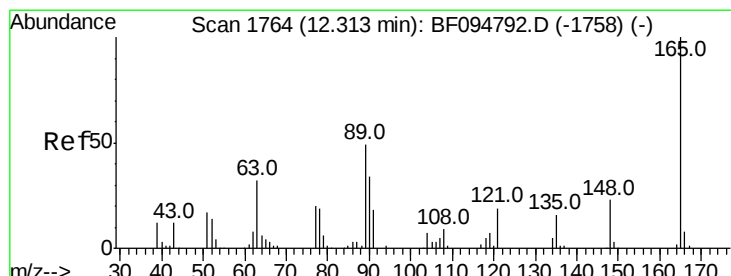
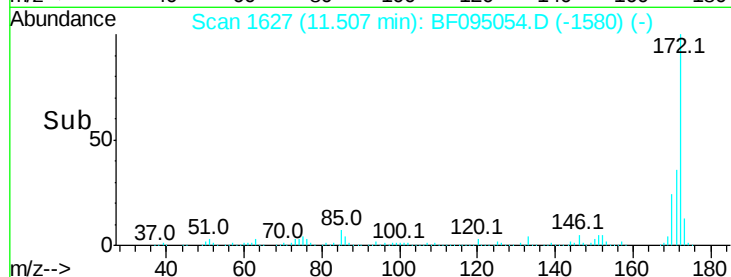
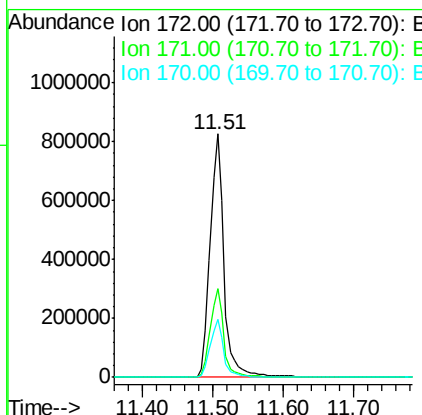
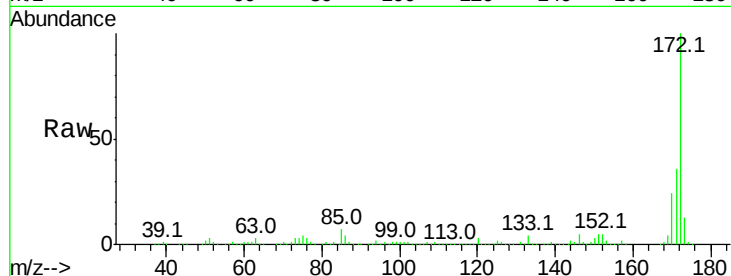




#44
 2-Fluorobiphenyl
 Concen: 100.31 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

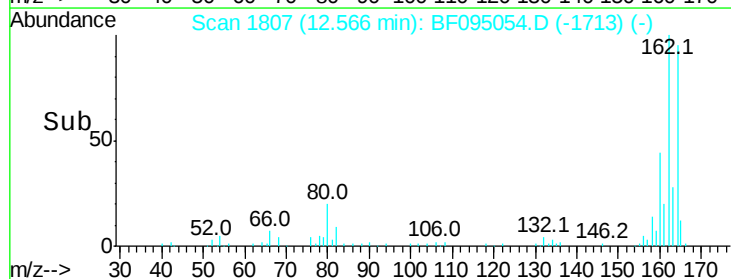
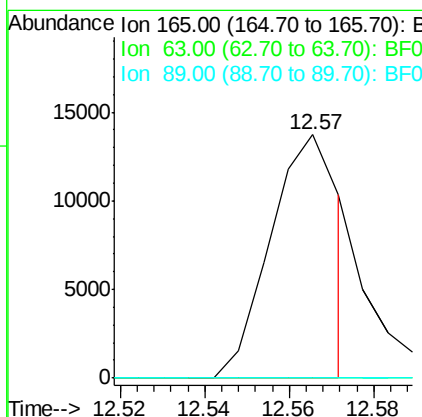
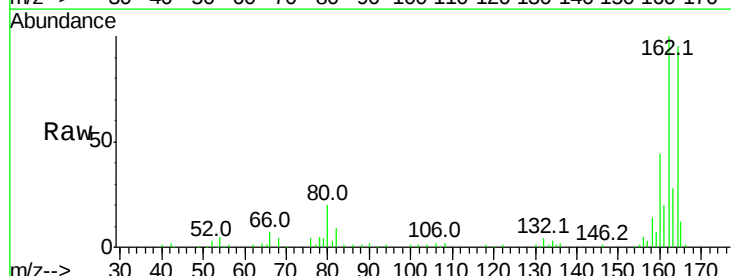
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1141940
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.6 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.66 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion:165 Resp: 15520
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

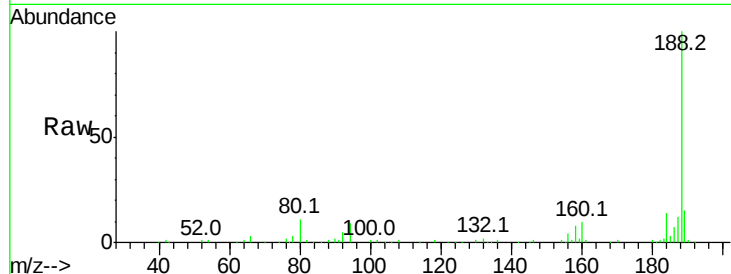




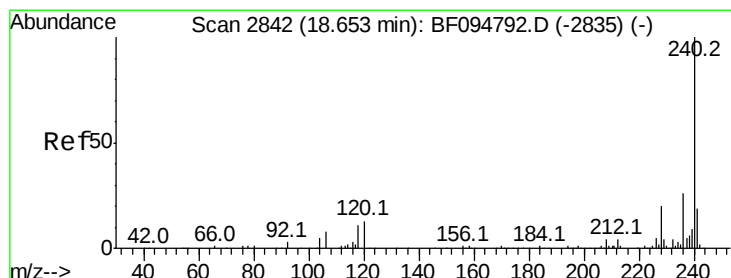
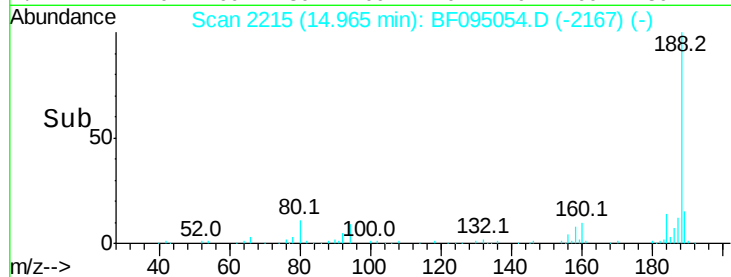
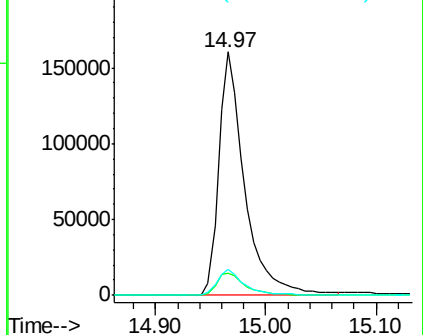
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095054.D
Acq: 10 May 2017 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 262905
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.8 10.2 15.2

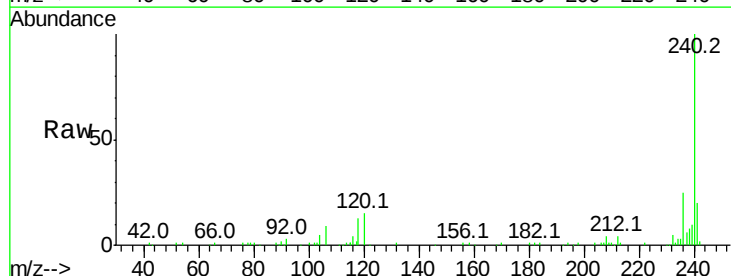


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

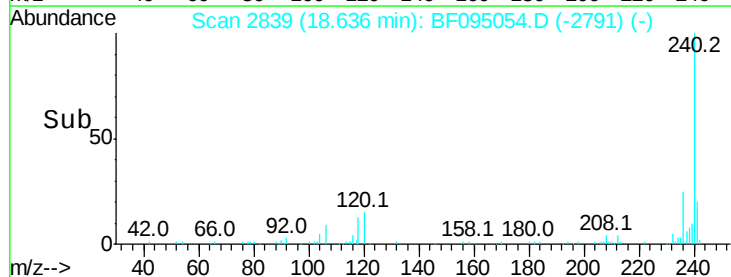
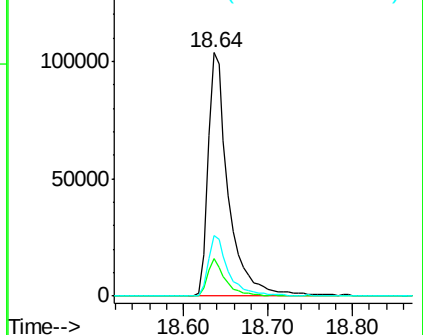


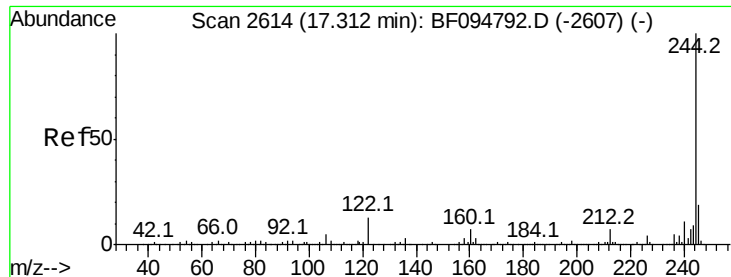
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095054.D
Acq: 10 May 2017 9:27

Tgt Ion:240 Resp: 175878
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

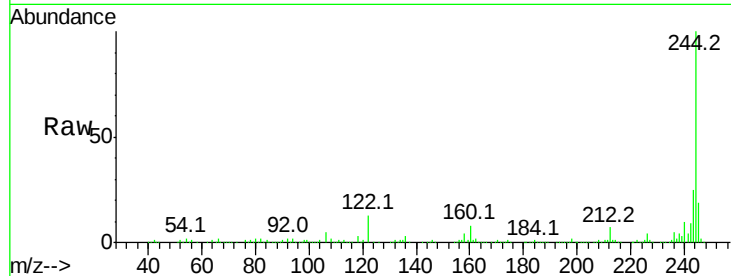




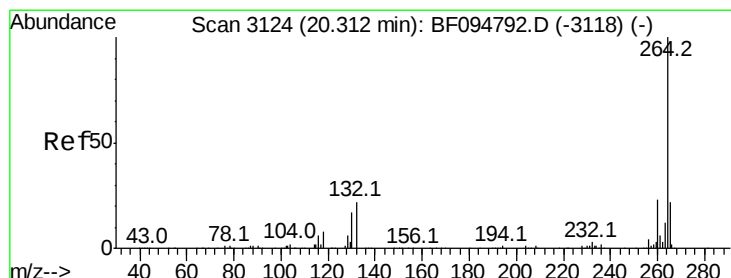
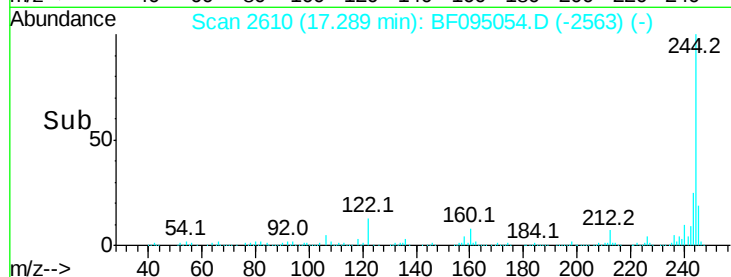
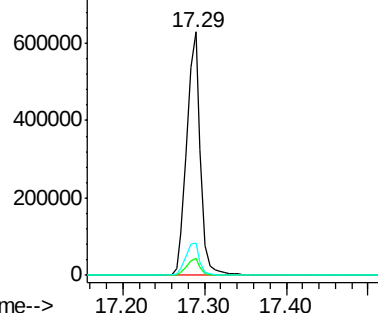
#78
 Terphenyl-d14
 Concen: 92.09 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 735389
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.4 10.3 15.5

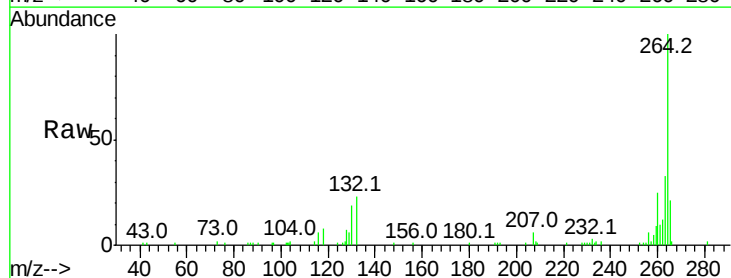


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion:264 Resp: 91772
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

